ALBERTA TREATY INDIAN HEALTH STATISTICS

Indian Association of Alberta

December 3, 1978

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POLARPAM

ALBERTA TREATY INDIAN HEALTH STATISTICS

1. Causes of Death	1972	1977
Accidents	39%	37%
Circulatory System	8%	14%
Respiratory System	8%	6%
Neoplasms	6%	8%

2. Birth Rate/1000 Live Births	1972	1977
Treaty Indians	3.7	3.6
Province of Alberta	1.8	1.8

3. Infant Mortality Rate/1000 Live Birth	1963	1970	1977
Treaty Indians	5.7	4.1	2.2
Province of Alberta	2.3	1.9	1.5

4. Perinatal Mortality Rate/1000 Live Births (Died at birth or during first 7 days)	1963	1970	1977
Treaty Indians	2.7	1.6	1.7
Province of Alberta	2.4	2.1	1.6

4. Tuberculosis - Number of Cases Notified	1973	1975	1977
Treaty Indians	75	44	67

5. Tuberculosis - Number of Cases Notified	1973	1975	1977
All Treaty Indians in Alberta	75	44	67
Treaty Indians in Federal Health Facilities Areas	67	37	44
Treaty Indians Southern Zone Reserves	--	19	23
Treaty Indians Northern Zone Reserves	--	18	21

5. Communicable Diseases	1970	1973	1977
Salmonella without food			
Treaty Indians	17	75	5
Province of Alberta	342	497	271
Shigella			
Treaty Indians	96	90	68
Province of Alberta	360	322	247
Diptheria (case)			
Treaty Indians	11	41	23
Province of Alberta	23	90	74

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Communicable Diseases	1970	1973	1977
Streptococcal sore throat -scarlet fever			
Treaty Indians	31	80	532
Province of Alberta	1280	3622	5799
Measles			
Treaty Indians	462	40	30
Province of Alberta	5227	560	512
Rubella			
Treaty Indians	109	9	3
Province of Alberta	3188	594	376
Infectious Hepatitis			
Treaty Indians	86	31	102
Province of Alberta	1524	1225	958

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Average Age of Death--1973

	Males	Females
Canada	63.6	69.1
Canadian Indians	41.5	43.3
Alberta	63.4	67.5
Alberta Indians	39.7	37.4

Information derived from Statistics Canada and the Medical Services ranch).

Accidental and Violent Deaths Among Alberta Indians--1977

Accidents and violence accounted for 69 male and 30 female deaths epresenting 37.4% of all deaths amongst Registered Indians. Many f these deaths were alcohol-related, could have been prevented and ere useless deaths. Violent death accounts for most deaths in 1-49 ge group.

56 out of every 100 deaths in pre-school children (1-4 years) are due to accidents and violence.

66 out of every 100 deaths in school children (5-14 years) are due to accidents and violence.

77 out of 100 deaths in young adults (15-29 years) are due to accidents and violence."

Excerpt from a memorandum of April 12, 1978 from Dr. J. Kirkbride, egional Director, Alberta Region, Medical Services Branch, to All lberta Chiefs)

Poor Health and the Bad Socio-economic Effects

The Canadian Medical Association estimates that the poorest 20% of ie population suffers about 75% to 85% of the major illnesses. But ot only do the poor get sick more often, they also take longer to cover, seek and receive less dental, medical and hospital treat-nt, and suffer more sever after-effects than do people with more come. Being sick more often and for longer (periods), the lose ges and employment, and have greater difficulty in holding steady obs."

SELECTED VITAL STATISTICS - ALBERTA REGION

1 January - 31 December, 1976

		REGISTERED INDIANS		PROVINCE OF ALBERTA 1975 population census (includes Registered Indians)	
		Number	Rate	Number	Rate
Population served	a)	33,766		1,768,000	
Births:	b)				
live births	b)	1,216	36.01	31,618	17.9
births in N.S. or hospital	c)	1,210	99.5	31,547	99.8
low birth weight infants	d)	N/AV		N/AV	
Deaths:					
maternal	e)	0		2	0.6
stillbirths	f)	18	14.8	240	7.59
perinatal	g)	30	24.7	491	15.52
neonatal	h)	16	13.2	291	9.2
post neonatal	i)	15	12.3	180	5.7
infant	j)	31	25.5	471	14.9
total deaths	k)	291	8.6	11,397	6.4
Natural increase	l)	925	27.4	20,221	111.4

a) Population for which Medical Services Branch is responsible.
b) Rate per 1,000 population.
c) Rate per 100 live births
d) Births 5.5 lbs. (2500 grams) or under - Rate per 100 live births
e) Rate per 1,000 live births
f) 20 weeks or more gestation - Rate per 1,000 live births
g) Stillbirths + deaths 0 to 7 days - Rate per 1,000 live births
h) 0 to 28 days - Rate per 1,000 live births
i) 29 to 365 days - Rate per 1,000 live births
j) Under one year (h + i) - Rate per 1,000 live births
k) Crude death rate - Rate per 1,000 population
l) Rate per 1,000 population

Population as per Department of Indian & Northern Affairs

December 31, 1975	33,403
December 31, 1976	34,130
Mid year 1976	33,766

INFANT AND PERINATAL MORTALITY RATES

REGISTERED INDIANS, ALBERTA

1963 - 1976

YEAR	INFANT MORTALITY RATE	PERINATAL MORTALITY RATE
1963	56.9	27.0
1964	40.1	28.3
1965	54.5	31.6
1966	43.8	28.2
1967	47.0	23.5
1968	48.1	24.5
1969	47.4	26.1
1970	42.2	15.5
1971-72	32.9	21.3
1972-73	40.2	23.1
1973	33.3	19.1
1974	37.2	26.2
1975	27.7	22.6
1976	25.5	24.3

REGISTERED INDIAN POPULATION - ALBERTA REGION

CAUSES OF DEATH, ALL AGES, BY RANK

January 1, 1976 - December 31, 1976

MALE & FEMALE

	CAUSE	NUMBER OF DEATHS
1.	Accidents, Poisonings and Violence	105
2.	Diseases of Circulatory System	49
3.	Diseases of the Respiratory System	21
4.	Symptoms and Ill-Defined Conditions	20
5.	Neoplasms	18
6.	Mental Disorders	16
6.	Diseases of Digestive System	16
7.	Infective and Parasitic Diseases	9
7.	Unknown	9
8.	Certain Causes of Perinatal Morbidity and Mortality	8
8.	Congenital Anomalies	8
9.	Endocrine, Metabolic and Nutritional Diseases	6
10.	Diseases of Blood and Blood-forming Organs	3
11.	Diseases of Nervous System and Sense Organs	2
12.	Diseases of Genito-Urinary System	1
		291

REGISTERED INDIAN POPULATION - ALBERTA REGION

[illegible]

January 1, 1974 - December 31, 1975

M A L E

	CAUSE	NUMBER OF DEATHS
1.	Accidents, Poisonings and Violence	73
2.	Disease of Circulatory System	36
3.	Diseases of Respiratory System	12
4.	Mental Disorders	10
5.	Neoplasms	9
6.	Symptoms and Ill-Defined Conditions	8
7.	Diseases of Digestive System	7
8.	Infective and Parasitic Diseases	5
9.	Unknown	4
9.	Certain Causes of Perinatal orbidity and Mortality	4
10.	Endocrine, Metabolic and Nutritional Diseases	3
10.	Congenital Anomalies	3
11.	Diseases of Nervous System and Sense Organs	2
11.	Diseases of the Blood and Blood-forming Organs	1
		182

F E M A L E

1.	Accidents, Poisonings and Violence	27
2.	Disease of Circulatory System	13
3.	Symptoms and Ill-Defined Conditions	12
4.	Diseases of Digestive System	9
4.	Neoplasms	9
4.	Diseases of Respiratory System	9
5.	Mental Disorders	6
6.	Congenital Anomalies	5
6.	Unknown	5
7.	Certain Causes of Perinatal Morbidity and Mortality	4
7.	Infective and Parasitic Diseases	4
8.	Endocrine, Metabolic and Nutritional Diseases	3
9.	Diseases of Blood and Blood-forming Organs	2
10.	Diseases of Genito-Urinary System	1
		109

REGISTERED INDIAN POPULATION, ALBERTA REGION
DEATHS DUE TO ACCIDENTS, POISONING, AND VIOLENCE 1976

) ACCIDENT MORTALITY - DETAILED

	MALE	FEMALE	TOTAL
ilway accidents (E800 - E807)	3	-	3
tor vehicle traffic accidents (E810 - E819)	31	15	46
cidental poisoning by drugs and dicaments (850 - E859)	-	1	1
cidental poisoning by other solid and liquid bstances (E860 - E869)	1	-	1
cidental poisoning by gases and vapors 70 - E877)	1	-	1
cidental falls (E880 - E887)	6	-	6
cidents caused by fires and flames 890 - E899)	1	3	4
her accidents (E910 - E929)	12	3	15
icide and self-inflicted injury 950 - E959)	10	2	12
micide and injury purposely invlicted by her persons (E960 - E969)	7	1	8
jury undetermined whether accidentally or rposely inflicted (E980 - E989)	6	2	8
TOTALS	78	27	105

B) ACCIDENT MORTALITY - SUMMARIZED

	MALE	FEMALE	TOTAL
otor vehicle and train	34	15	49
rowning	7	-	7
xposure	2	-	2
urns	1	3	4
alls	6	-	6
irearms	15	1	16
ther	13	8	21
TOTALS	78	27	105

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